

**Amendments to the Specification:**

Please amend the title of the application to read:

~~--WAVEFORM EQUALIZER, MOBILE STATION WIRELESS APPARATUS  
USING THE SAME, BASE STATION WIRELESS APPARATUS USING THE  
SAME, AND MOBILE COMMUNICATION SYSTEM USING THE SAME HAVING  
A TAP COEFFICIENT MONITORING UNIT--~~

Please replace the abstract with the following revised abstract:

~~--A waveform equalizer in that having a delay element 2 of  
an FF a feed-forward filter 9 into which a reception signal  
S1 is inputted is connected via a tap arrangement control  
switch 8 to a weighting device 3, and the The output of the  
weight device 3 is inputted into an adder 4. The output of  
the adder 4 is entered into a discriminator 5 to become an  
equalization output S2. The equalization output S2 is  
entered into a delay element 7 of an FB a feed-back filter  
10. The delay element 7 is connected via the tap  
arrangement control switch 8 to the weighting device 3, and  
the output of the weighting device 3 is entered into the  
adder 4. The tap arrangement control switch 8 ON/OFF-  
controls the tap arrangement. The tap coefficient  
monitoring unit 11 monitors the respective tap coefficients  
of the weighting device 3. When the equalization operation  
cannot be carried out under initially set tap arrangement,  
the equalization operation, it is restarted from the~~

beginning of the reception signal. An impulse response predictor~~12~~ predicts an impulse response of a transfer path based upon the reception signal~~S1~~ and the equalization output~~S2~~. --

Attachment: Replacement sheet (clean copy of abstract)